LIVERPOOL BATHS AND WASHHOUSES.—Applications to the Health Committee of the Liverpool council, for information as to the working of the public baths and washhouses, are so frequent, that the committee have had a pamphlet prepared, with copies of plans, &c., for transmission in reply to such requests. From this document it appears that the revenue of the first establishment has nearly trebled itself in four years, and now considerably exceeds the expenditure. 'Is not this,' says the *Gateshead Observer*, 'a sufficient answer to the cold sceptics who turn away from all projects for the improvement of the condition of the poor, and tell you that your labour is in vain—that you will have no thanks (as though you should work for thanks!) for what you do—that the poor are in love with dirt, and will not be lifted out of the mire in which they perish?' The poor flock to them daily; and in the year ending May, 1846, upwards of 23,000 baths were paid for, at prices varying from a penny to a shilling; and 24,000 dozens of clothes washed, at a penny a tub for six hours! The baths are also a benefit to the less straitened classes, and the middle-class baths are also decidedly profitable. Besides the two establishments already in existence in Liverpool, the erection of others in various parts of the town is contemplated.

ALLEGED TAX ON GAS.—A paragraph is at present circulating extensively throughout the provinces to the effect that "communications have taken place during the last few weeks between the Government and persons engaged in the manufacture of gas, relative to a proposed duty of 1s. per 1,000 cubic feet of that article, which would produce more than two millions sterling annually to Government." We hope and indeed believe that this rumour is nothing more than an erroneous inference drawn from statistical details, already given in THE BUILDER so long since as August last; and the more especially so, since we find, both in the paragraph itself, and in a more lengthened detail, of which it is an abridgment, that the calculations and sums are precisely the same as those already alluded to. The imposition of such a tax would injure,—not the companies or monopolists, but the consumers. It would be scarcely less obnoxious than the tax on daylight. It would be, in fact, a tax on the only passable substitute for the light of day,—a tax on police regulation, and on cleanliness, and a bonus to crime and filth. In short, it would be a tax inconsistent with the recorded opinions and the general leaning of our present Government itself; and the rumour is we hope an injustice done them by mistake, confirmed perhaps by the fact, that in consequence of our exposures of the secrets of the gas-house the Commons called on the gas companies established under Acts of Parliament, to give returns of capital, expenses, and dividends, which returns, as our readers know, the gas companies have accordingly given in.

PLYMOUTH ARCHITECTURAL SOCIETY.—A District Architectural Society, intended to combine architectural with archæological and statistical researches, has been established at Plymouth and Tavistock. According to the *Gloucester Chronicle*, its objects will be to assist the clergy, churchwardens, and other persons engaged in building and restoring churches, schools, parsonage-houses, &c., with information and advice; to call the public attention to the importance of church extension, by procuring and disseminating statistical information, relative to existing church accommodation, population, and the extent of the different parishes within its limits; and, lastly, to collect information, documentary or otherwise, relative to the history and antiquities of different churches, their endowments and charities, whether alienated or still existing, and other particulars.

CURVES OF GREEK VASES.—Sir: In the article on the "Forms for Domestic Utensils, obtained from Leaves," in THE BUILDER of the 11th inst., reference is made to an opinion "that the outlines of the Greek and Etruscan vases, which had caused much abstruse geometrical investigations into conic sections, had not been produced by geometry." Now the Greek vases were geometrically proportioned by squares, certainly not with conic sections, with which the early Greeks were unacquainted. In "Bayfii Annotationes in Legem 2, de Captivis et Postliminio reversis, in quibus practatur de re Navali, per autoram recognita," is a diagram showing the geometrical method of forming vases by the Romans, no doubt after the Greek manner, the date of the book is 1537." Prior to my seeing this work, I had tried to proportion geometrically the celebrated Greek vase in "Stuart's Athens," by means of the square, divided into units or numbers, and succeeded.—W. P. G.

THE OLYMPIC THEATRE.—This commodious little theatre is being re-modelled and decorated by Mr. Hurwitz, and is to be lighted in a novel manner. The works are scarcely advanced enough to enable us yet to say any thing of the effect, though the house is to open on Monday. Theatrical decorators work by steam.

TO CORRESPONDENTS.

"*W. J. D.*"—The bordering was carried all round the heads of the lights.

"*Egg-shaped Pipes*"—Messrs. Doulton say, in reply to letter last week, that the registration was for egg-shaped sewers in *glazed stoneware*; that such sewers have not yet been made by any other parties than themselves; and that if any one infringes their right, they are quite prepared to defend it.

"*H. C.*"—Postponed for new year.

"*Inhabitant of Newman-street*" complaining that commissioners of sewers have made a sewer in that street useless by building one in Charles-street, lower.

"*Dromore.*"—We have not space for what he requires.

"*J. S.*" (Manchester.)—Particulars may be obtained by writing to the secretary at the Society of Arts, John-street, Adelphi.

"*R. W. A.*"—We are not aware that the Bishop of London has refused to consecrate any church because the altar was not at east end. We know circumstances to the contrary.

"*Subscriber*" (Clifton.)—When the Act is passed, he will see.

"*H. M.*"—Ventilation. We cannot recommend any person in particular to carry it out.

"*R. R.*"—The comment on the tenders delivered for St. Mark's Church, Wolverhampton, is wholly our own. If the lowest be right, all we can say is, that the highest is very wrong. We don't pretend to judge between the two.

Received—"E. P., jun." "J. T. L." "F. H. W." (next week). "T. L." (thanks). "Subscriber" (Langfield). "S. H." (we will try to call). "Wiebe." "W. W." "A Mason." "E. L." "J. B." "J. E." shall hear from us. "A. U."

Books Received—"The Analysis of Gothick Architecture." 2 vols. (The Author, 11, Beaufort-buildings, Strand). "Photography," a popular treatise on the discoveries of Daguerre, Talbot, &c. By an Amateur. (Hunter, Chancery-lane). Wood's "Songs of Scotland," No. X., and Appendix. (Novello, Dean-street).

"*Books, Prices, and Addresses*"—We have not time to point out books or find addresses.

*** Correspondents are requested to address all Communications to the EDITOR, 2, York-street, Covent Garden.

ADVERTISEMENTS.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUPERFICIAL upwards [illegible] any other pattern you may require. Embossing, with a variety of the cheapest patterns always in stock. Embossing with painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

SOHO PLATE-GLASS WAREHOUSE, 98, SOHO-SQUARE, depôt for the sale of the PLATE GLASS manufactured by the St. Gobain and St. Quirin and Cirey Companies, Paris. The attention of Architects, Builders, and the Trade generally is particularly requested to this article, which stands UNRIVALLED FOR BRILLIANCY OF COLOUR, superiority of substance and polish, and possesses almost faultless quality. This Plate Glass can be procured of any dimensions.—Applications for samples, lists of prices, and all further particulars, to be addressed to ALFRED GOSLETT, Agent, 98, Soho-square.

PHŒNIX PLATE-GLASS WAREHOUSE, 24, St. Mary Axe, City, E. MOSES, Proprietor. Builders, Upholsterers, and Consumers of Plate Glass, will find this the Cheapest House in London for [illegible] Glass for Shop Fronts, Railway Carriages, Mirrors, and [illegible]. Colour, Quality, and Substance unrivalled [illegible] in the Kingdom. ROUGH PLATE GLASS supplied [illegible] and ¼ inch thick. All Plate [illegible] Fronts delivered within five miles of London free of [illegible] and estimates given, free of expense, in town or country.—No connection with any other house.

UNION PLATE-GLASS COMPANY.—Architects, Builders and the Trade generally are solicited to inspect the quality, colour and substance manufactured by this Company. To encourage the use of Plate Glass for glazing, a further reduction in price has taken place on the quality used for that purpose.

ROUGH PLATE GLASS supplied 4, 3-4, ⅜ and ½ inch thick. Particular attention is requested to the superior colour and evenness of this article.

LONDON WAREHOUSE, 99, Hatton Garden, Holborn.
H. CHRISTIE, Agent.

CHAS. WM. WATERLOW,

MANUFACTURER of Sashes and Frames, and Joiner to the Trade, 181, Bunhill-row, Finsbury-square.—Well-seasoned materials, superior workmanship, lowest prices.—Upwards of 400 DOORS, and a large variety of Sashes and Frames, always on sale. Glazed goods securely packed for the country. Steam-almost Mouldings to any quantity.—N.B. This Establishment is worth the notice of all engaged in building.

SHOP FRONTS, SASHES AND FRAMES, DOORS, &c. MADE FOR THE TRADE.

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1, Amwell-street, Clerkenwell, near the New River Head.

Beg to inform the Trade and the Building Public in general, that they continue to manufacture Sashes and Frames, Shop Fronts, Doors, and all other kinds of Joiners' work, on the lowest possible scale of prices. All kinds of Wainscot and Mahogany work done in the very best manner; French polished, and carefully packed for the country.—A full list of prices forwarded by return of post, to any part of the country.

GLASS VENTILATORS FOR WINDOWS.

BAILLIE'S Patent Transparent Slide Valve VENTILATORS.—To be had of EDWARD BAILLIE, Glass Painter and Stainer, 18a, Cumberland Market, Regent's-park, London. [illegible] extensive and successful application to Public Offices, Hospitals, and the cure of Smoky Chimneys, prove their great utility. Forty per cent. from the original Tariff.

VENTILATION IMPROVED, AND SMOKY CHIMNEYS CURED.

BAILLIE'S PATENT TRANSPARENT VENTILATORS are at once efficacious, neat, and easily adapted to any sash, and, where thorough ventilation without draught is required, will be found invaluable, and especially as a cure for smoky chimneys.—Supplied Wholesale and Retail by E. and W. H. JACKSON, Window-Glass Warehouse, 313, Oxford-street.

LESLIE'S PATENTS.—GAS CONSUMERS guaranteed the following important sanitary and economic advantages:—

1. His BURNERS are purposely MADE TO DETECT FOUL GAS, as injurious to health, so destructive of property, and so expensive to the consumer; the expense and danger increasing with the impurity.

2. His new Patent GLASS COMBUSTION CHAMBERS are made in sizes for the MORE PERFECT PRODUCTION OF LIGHT, from either three, four, or five cubic feet of gas per hour, according to the requirement of light by the consumer, all of which are applicable to one and the same burner of twenty-eight tubes.

3. These philosophical arrangements produce an IMMENSE INCREASE OF LIGHT, from any equal quantity of Gas, over every burner yet offered to the public; and lower the Fish-tails and Bat-wings the increase of Light is above 100 per cent.

4. His new Patent AUTOMATON GAS ECONOMISER effectually PREVENTS the WASTE, NUISANCE, and EXPENSE arising from sudden variations in supply from the gas mains, and renders the Burners Light-producers, and not Smoke-producers: these will vary in price according to the duty they have to perform, from 10s. upwards.

PRICES:—Upright Burners, with Convugham Spring Glass Holders, with either steel glass, Combustion Chamber included, 7s. each; Side Burners, ditto, 6s. each; extra Glass Combustion Chambers, 2d. each. SAMPLE PACKAGES, with one burner and a set of the glass combustion chambers, will be forwarded on receipt of a post-office order, payable to JOHN LESLIE, at the Charing Cross office, for 8s. if a side burner, or 10s. if the upright be desired.

LESLIE'S PATENT FOR ECONOMY OF FUEL AND VENTILATION.

Coal Consumers, with all the advantages of an open, cheerful fire, are guaranteed a saving of 50 per cent., with a beautiful system of ventilation always in operation. Licenses will be granted by the Patentee, One Guinea each Stove, with full instructions to Builders and others to erect. The construction is entirely of brick and iron, and so economical of space and materials, that the whole expense will not exceed the present unphilosophical chimneys and fire-places.

Offices and Manufactory, 59, Cornhill-street, London.

THE most perfect DRY GAS-METER in the World.—N. DEFRIES, Dry Gas Meter-maker, in directing the attention of the Public and the Gas Companies to his having just erected an extensive Factory, 10, Hammersmith-road, in conjunction with his old established premises, 67, St. Martin's-lane, begs to say that he can now MEET any DEMAND for METERS, from 5 lights to 1,000. The sale of 15,000 meters and the rapidly increasing demand, stamp as complete a meter that eight years' experience has proved to be unaffected by weather, by time, or by injurious gas. He invites attention to the fact of many of his large meters being in successful action at the Houses of Parliament, the Royal Dockyards, the Thames Tunnel, Theatres, Churches, Club-houses, &c., and has powerful and flattering testimonials at either factory, which may be obtained on application.

INJUNCTION.

BUNNETT and CORPE'S Patent REVOLVING IRON SHUTTERS.—Since the verdict found in favour of the Patentees, in the Court of Exchequer, in the action tried between them and Cutler, the Court has granted a perpetual Injunction for restraining all infringements of this Patent, and therefore all parties are hereby cautioned against infringing the same.

THE PRICES ARE GREATLY REDUCED, and BUNNETT AND CORPE'S PATENT IRON SHUTTERS ARE THE CHEAPEST AS WELL AS THE BEST. They are made with convex laths, if required. The worm and wheel motion for raising and lowering revolving iron shutters as secured by this Patent, is the only safe and durable mode of effecting that object. In large shutters it is indispensable.

Some thousands of Bunnett and Corpe's Shutters have now been put up, without a single complaint of their want of strength or security; and nine years' practical experience (during which they have adopted every real improvement) enable the Patentees to challenge comparison with any others. They will guarantee all Shutters put up by them to keep in order, and last twice as long as any with thin convex laths.

B. and C. also manufacture REVOLVING WOOD SHUTTERS (the Patent for which has expired), at the same prices as other makers, but greatly superior, being fitted with their patent raising gear, and proper metallic hinges, without which no shutter can be safe or durable.

BUNNETT and CORPE are likewise Patentees and Manufacturers of METALLIC SASH-BARS, MOULDINGS, &c., IN BRASS, COPPER, OR ZINC, FOR SHOP FRONTS, WINDOWS, SKYLIGHTS, AND VARIOUS OTHER PURPOSES.

Shop-fronts fitted with Iron Shutters, Patent Brass or Zinc Sashes, Plain or Ornamental; handsomely Engraved, Moulded, Sash-board Plates, best Plate Glass, and Internal Brass Fittings of all kinds, superior in quality and workmanship, and lower in price than any other house. Contracts taken to Town or Country.

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Office at No. 28, Lombard-street, London; Works, at Deptford, Kent.

Steam-engines, Sawing, Planing, and Moulding, Cutting-machines on Improved Plans, especially adapted for Builders' purposes, may be seen in operation at the Works.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS.

Manufactory, 26, Regent-street, and 181, Chancery-lane.

THE Patentee having fixed a great number of his shutters in London, and given universal satisfaction, can confidently recommend them both for security and durability, the edges being sheathed with Iron. Their construction is so simple that the largest establishment can be opened or closed with the greatest possible ease without the use of machinery. Their superiority over other revolving shutters consists in their great strength and stiffness, being without metal hinges, consequently cannot rust, buckle, be strained, or get out of order, and are safer. Persons dissatisfied with the patent raising gear now used for iron shutters can have it removed, and the shutters made to draw up in any part of the premises with the slightest exertion, without machinery, thereby avoiding the unpleasant use of oil.

WALLIS'S PATENT LIQUID WOOD KNOTTING.—This newly-discovered Liquid Composition, which Messrs. Geo. and Thos. Wallis have the satisfaction of introducing to the Trade, possesses the important qualification of effectually stopping Knots in wood, however large, and preventing them coming through and disfiguring the paint above.

Many substances have been used and much time spent in endeavouring to find a cure for a bad knot, but hitherto without success. Messrs. Wallis therefore feel much pleasure in offering to the public an article so long and anxiously called for.

In the application, drill is not required: it is put on to the wood with a brush like common paint, can be used in all climates and situations, and does not require time.

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